

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027409.D
 Acq On : 04 Oct 2018 15:28
 Operator : MD/SY
 Sample : J5165-01
 Misc : 6.10g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Quant Time: Oct 05 04:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

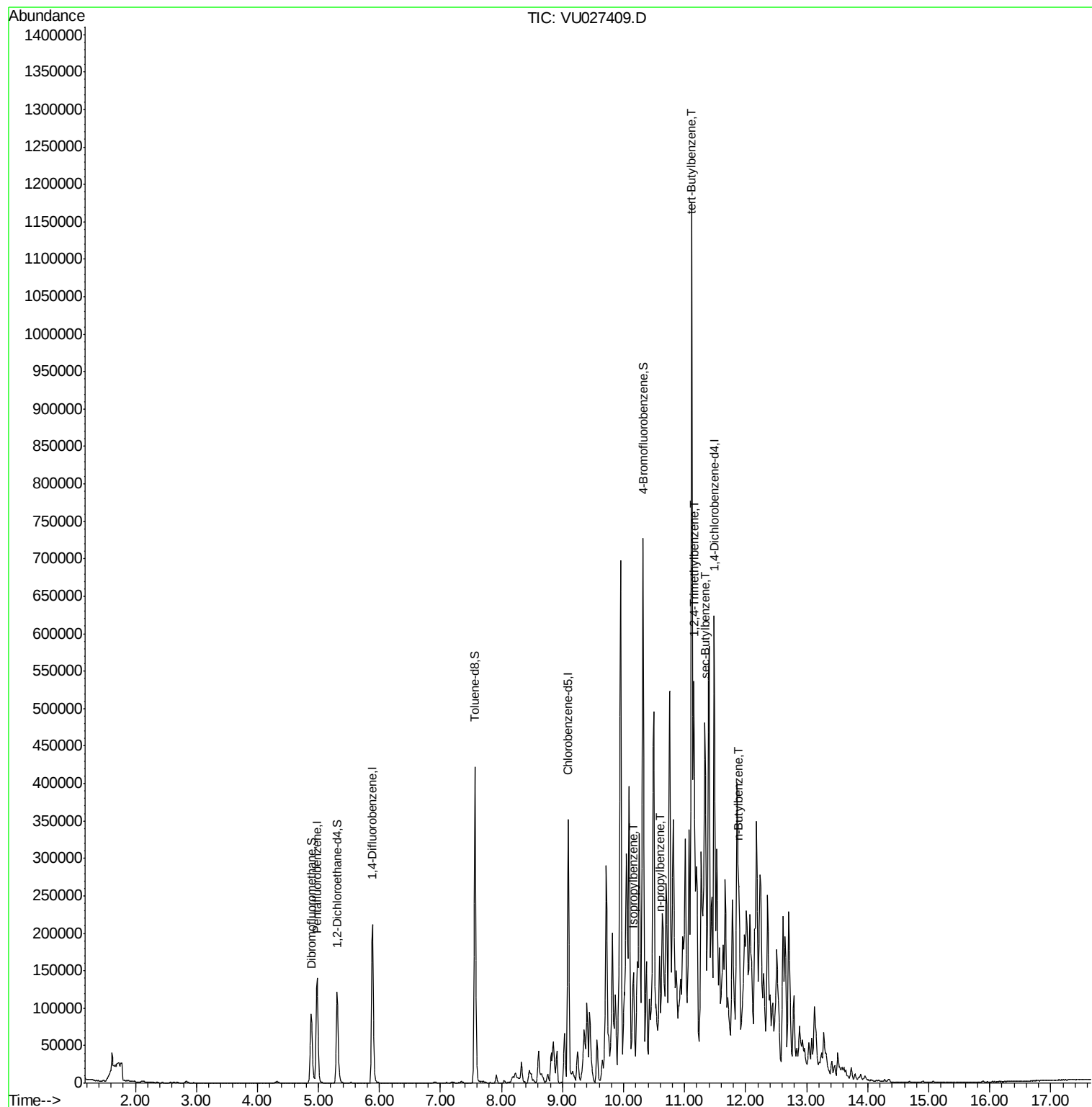
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	103481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	175720	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	115207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	101880	58.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.92%	
35) Dibromofluoromethane	4.88	113	70860	58.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.68%	
50) Toluene-d8	7.57	98	275961	61.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.46%	
62) 4-Bromofluorobenzene	10.31	95	127689	76.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.46%	
Target Compounds						
73) Isopropylbenzene	10.17	105	18295	2.186	ug/l	100
78) n-propylbenzene	10.59	91	80083	7.965	ug/l	98
83) tert-Butylbenzene	11.10	119	8773	1.332	ug/l	82
84) 1,2,4-Trimethylbenzene	11.15	105	135925	19.533	ug/l	99
85) sec-Butylbenzene	11.33	105	74203	8.943	ug/l	99
89) n-Butylbenzene	11.89	91	59407	9.522	ug/l #	78

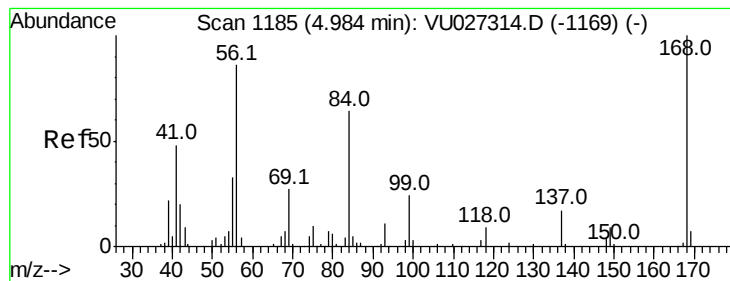
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-MW-G-092718(7-10)

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

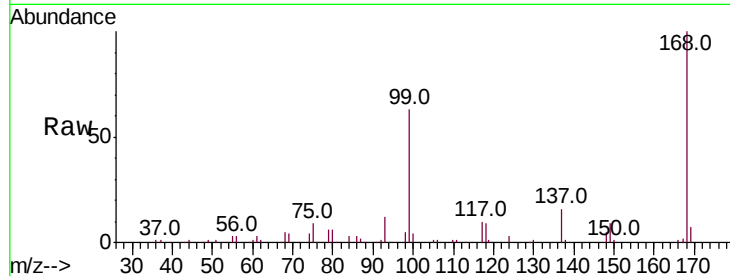
EP1-MW-G-092718(7-10)

Tot Ion:168 Resp: 103481

Ion Ratio Lower Upper

168 100

99 62.8 50.8 76.2

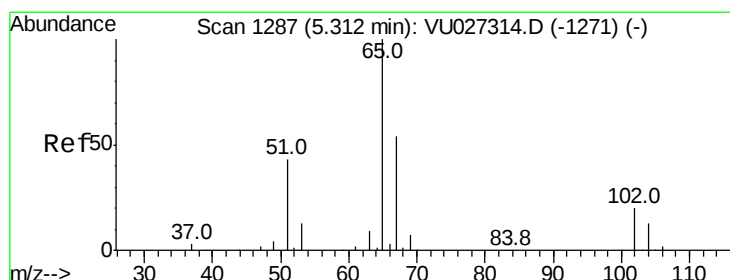
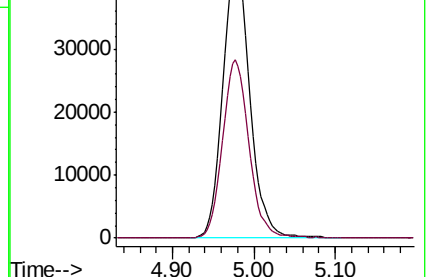
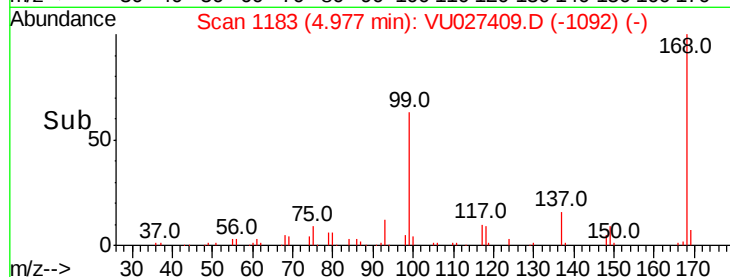


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.960 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU027409.D

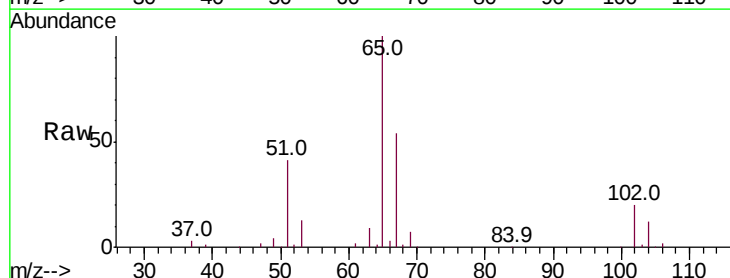
Acq: 04 Oct 2018 15:28

Tgt Ion: 65 Resp: 101880

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.8

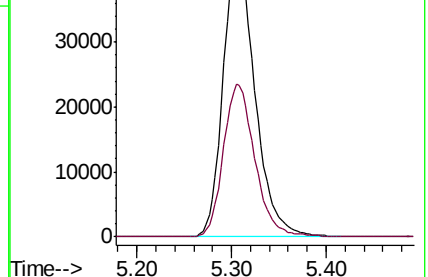
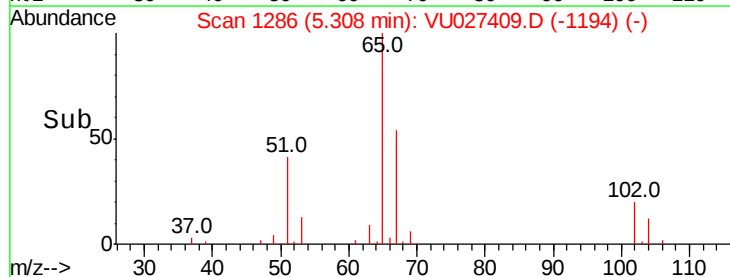


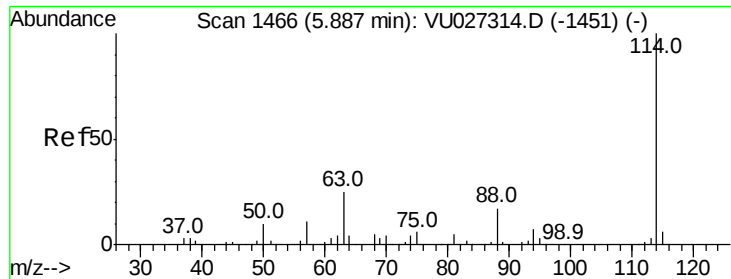
Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718(7-10)

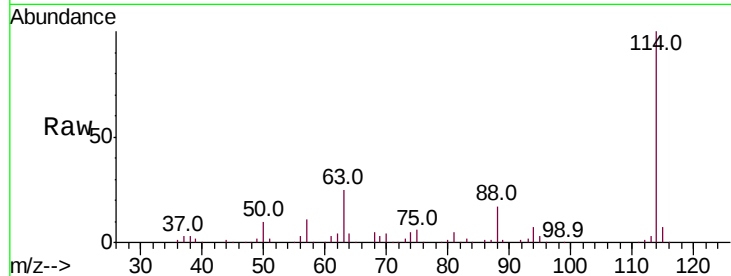
Tot Ion:114 Resp: 175720

Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

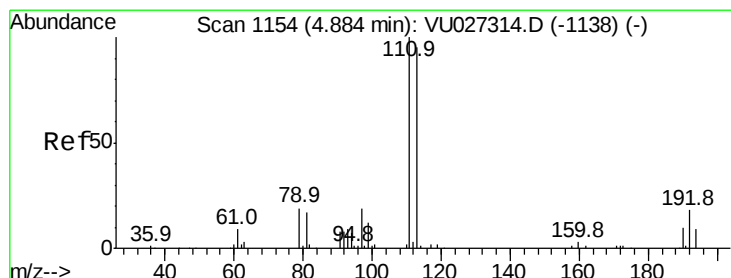
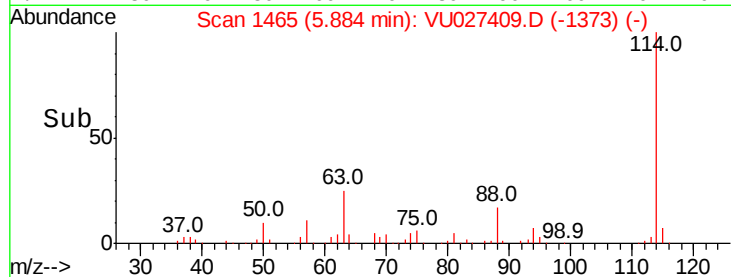
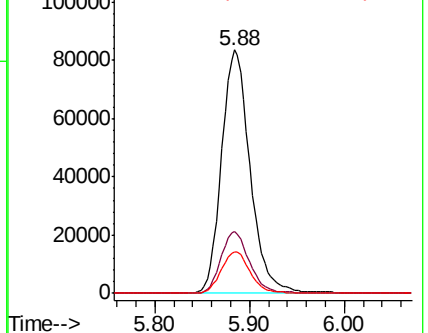
88 17.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 58.841 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

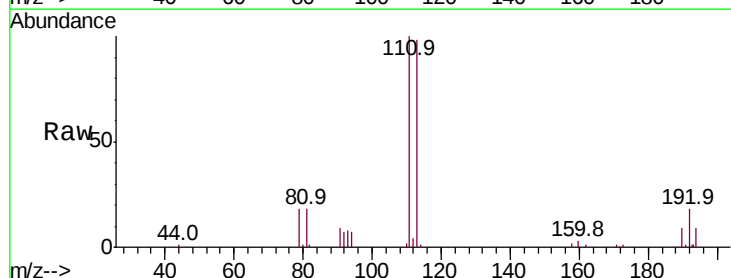
Tgt Ion:113 Resp: 70860

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

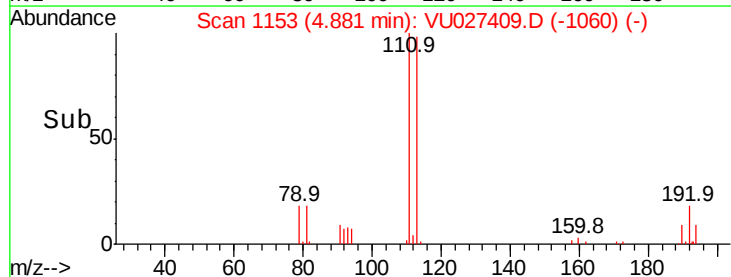
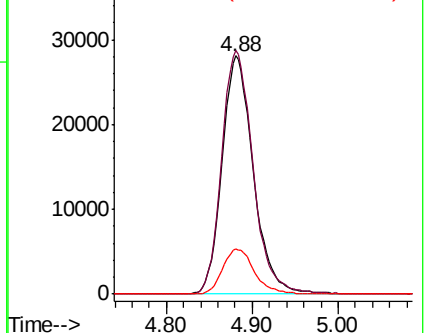
192 19.2 15.4 23.0

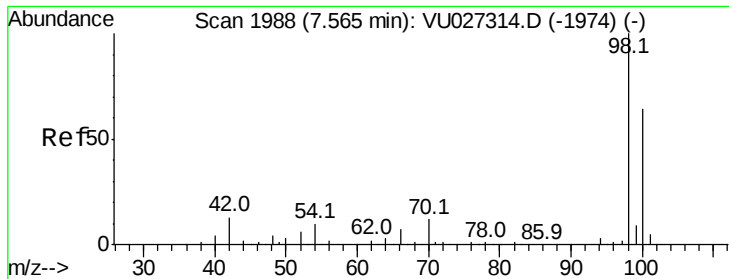


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 61.227 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

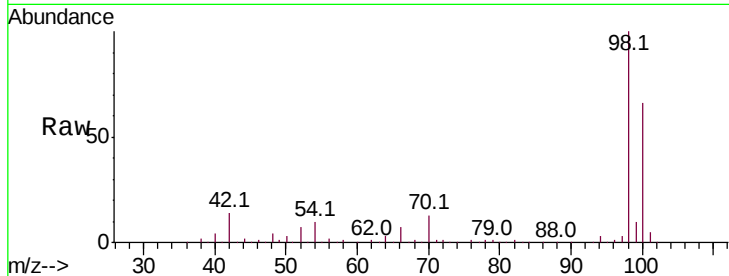
EP1-MW-G-092718(7-10)

Tot Ion: 98 Resp: 275961

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

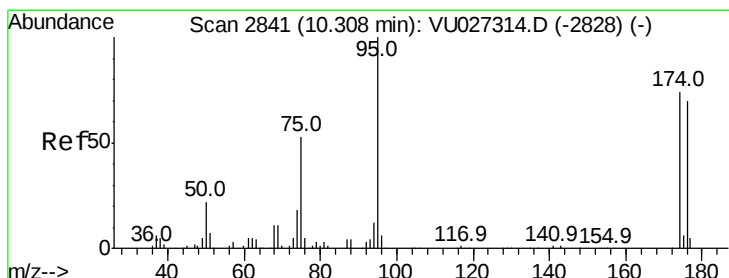
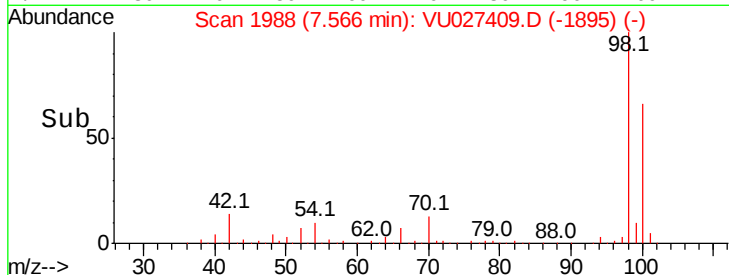
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 76.230 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

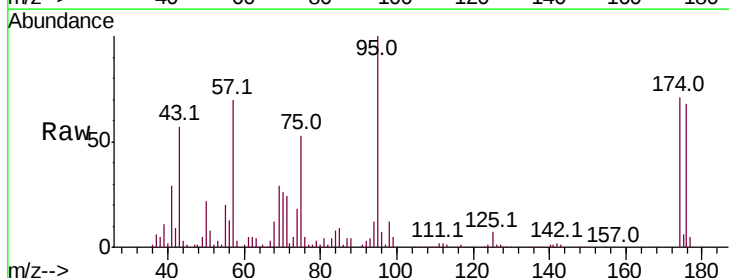
Tgt Ion: 95 Resp: 127689

Ion Ratio Lower Upper

95 100

174 69.9 0.0 147.8

176 68.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

10.31

100000

80000

60000

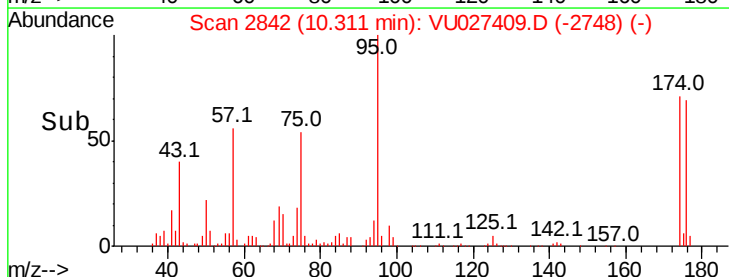
40000

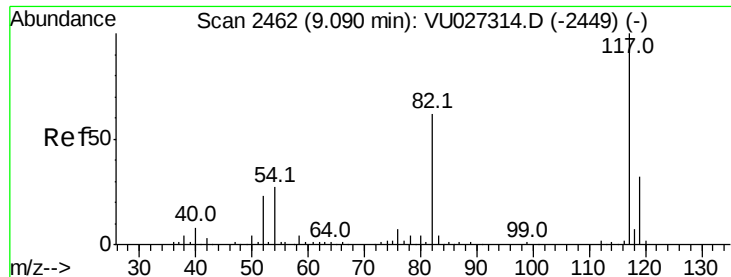
20000

0

10.25 10.30 10.35

Time-->

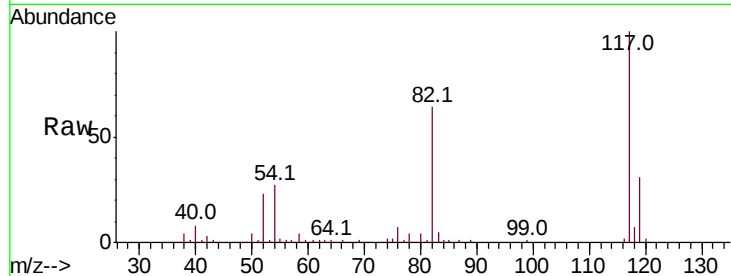




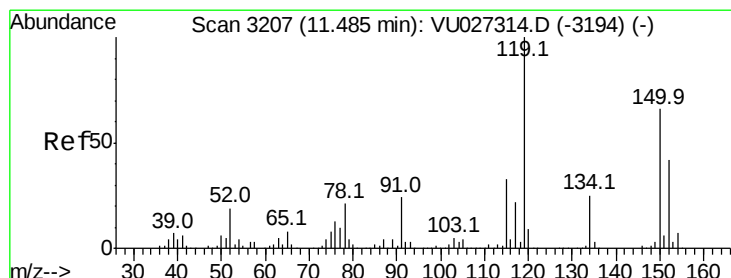
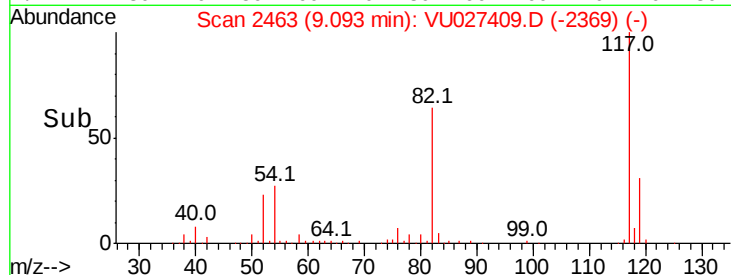
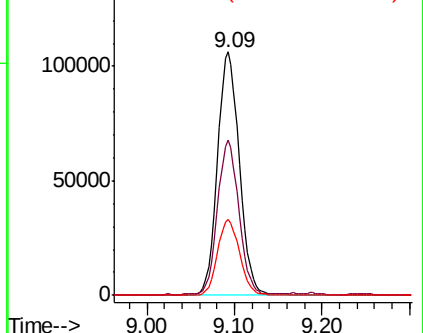
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027409.D
Acq: 04 Oct 2018 15:28

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718(7-10)

Tot Ion:117 Resp: 184719
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 31.2 25.7 38.5

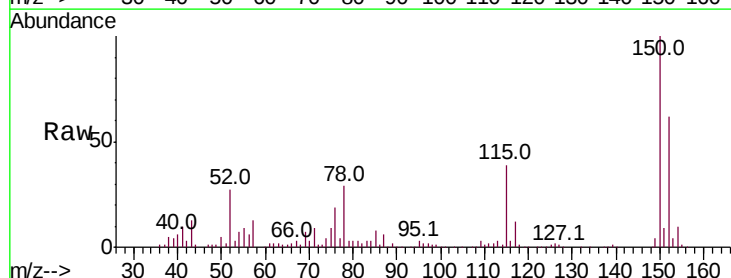


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

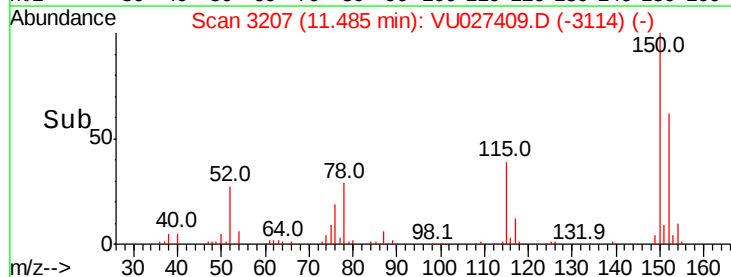
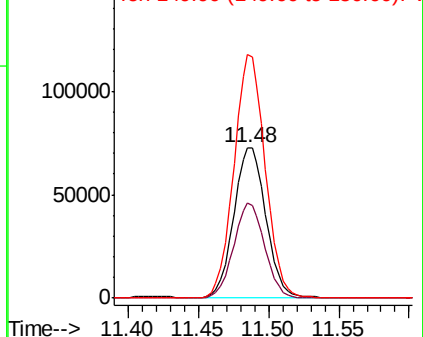


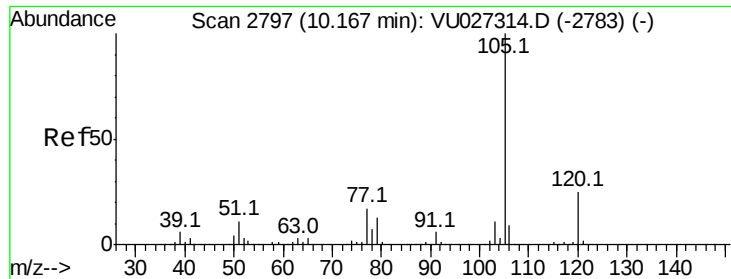
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027409.D
Acq: 04 Oct 2018 15:28

Tgt Ion:152 Resp: 115207
Ion Ratio Lower Upper
152 100
115 61.6 43.4 130.2
150 158.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.186 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

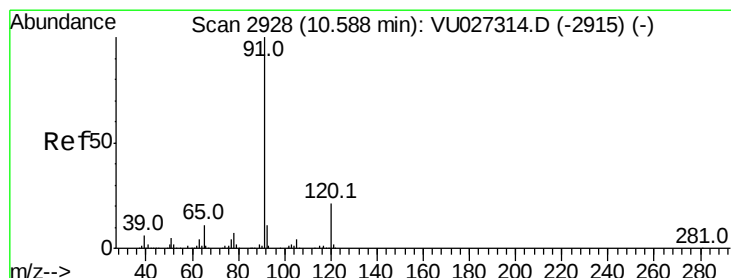
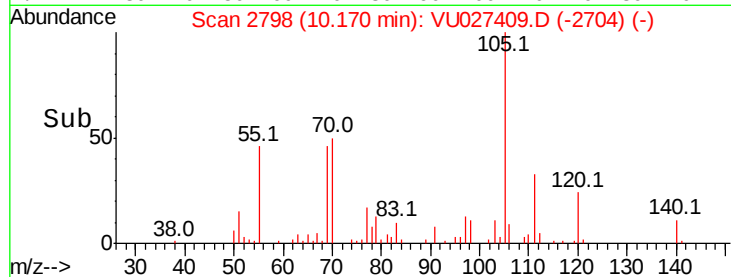
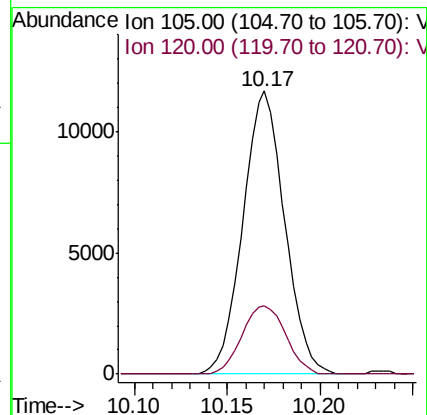
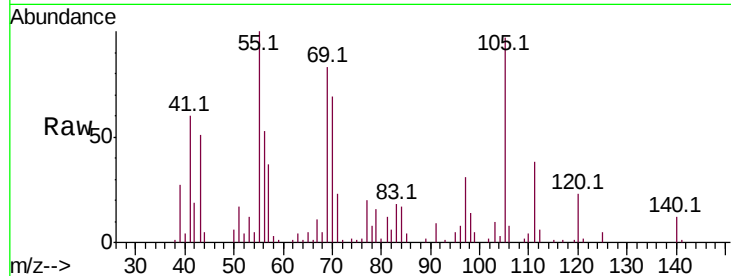
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 18295

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#78

n-propylbenzene

Concen: 7.965 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027409.D

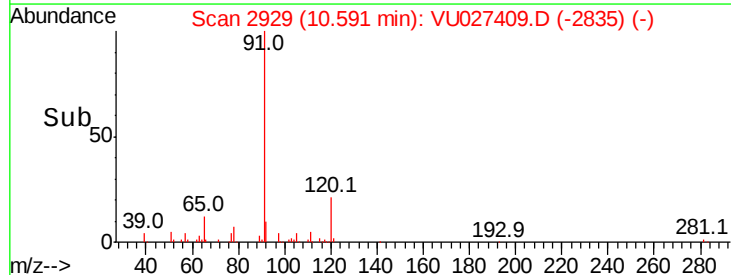
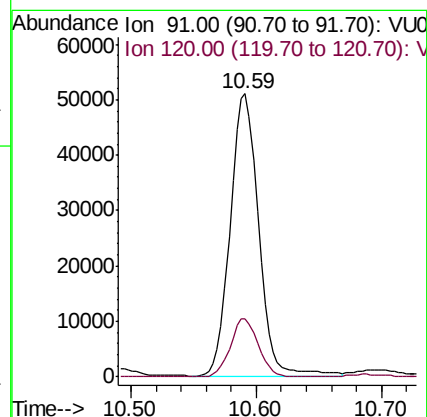
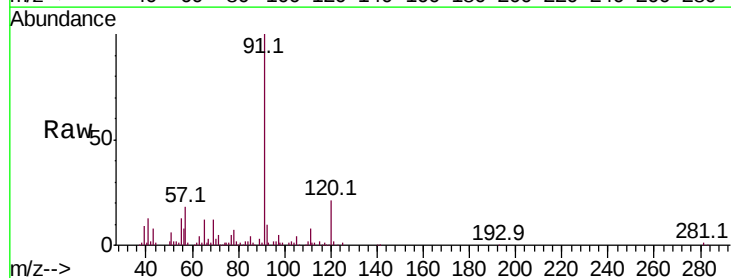
Acq: 04 Oct 2018 15:28

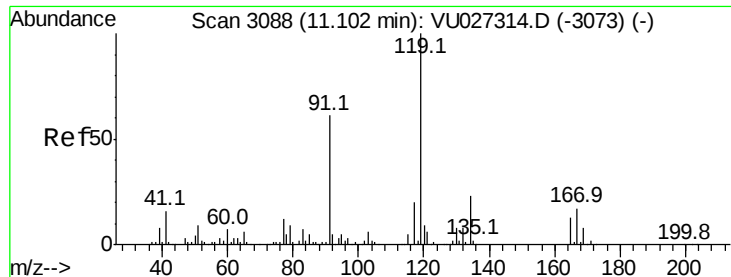
Tgt Ion: 91 Resp: 80083

Ion Ratio Lower Upper

91 100

120 20.3 10.6 31.8





#83

tert-Butylbenzene

Concen: 1.332 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718(7-10)

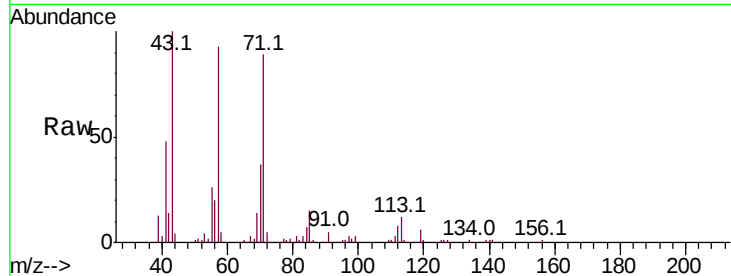
Tot Ion:119 Resp: 8773

Ion Ratio Lower Upper

119 100

91 78.5 30.3 91.0

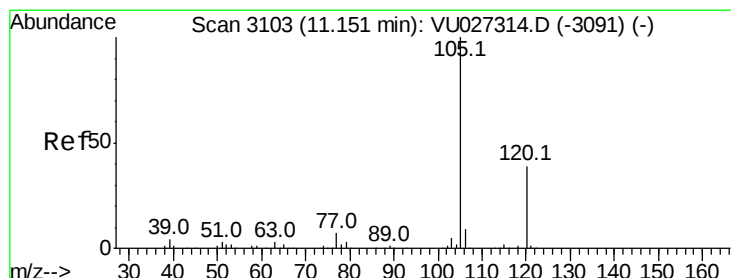
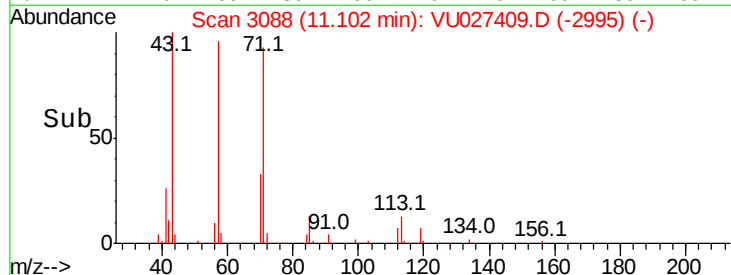
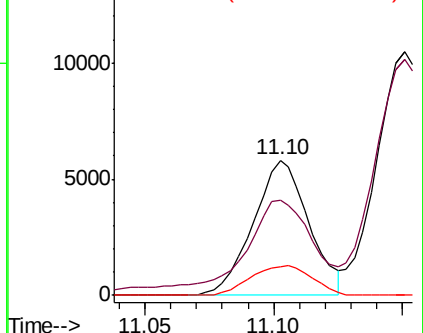
134 24.0 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.533 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027409.D

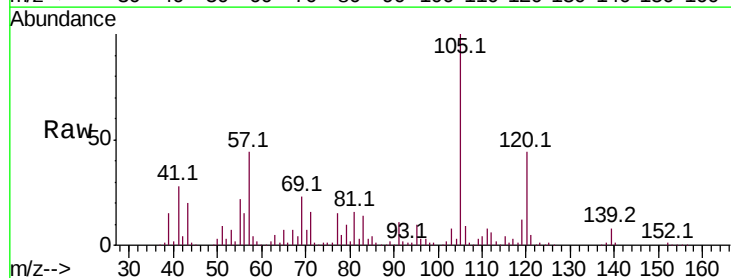
Acq: 04 Oct 2018 15:28

Tgt Ion:105 Resp: 135925

Ion Ratio Lower Upper

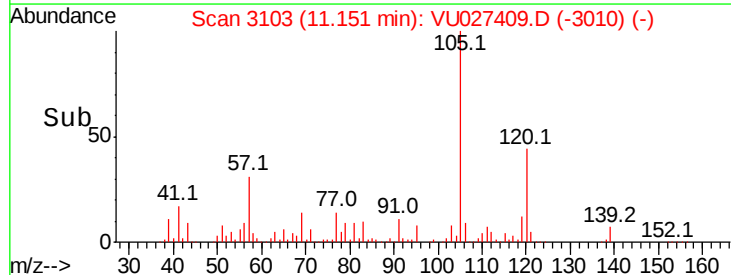
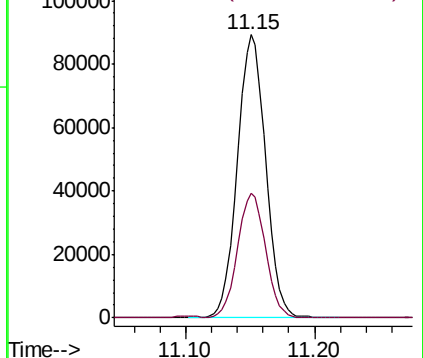
105 100

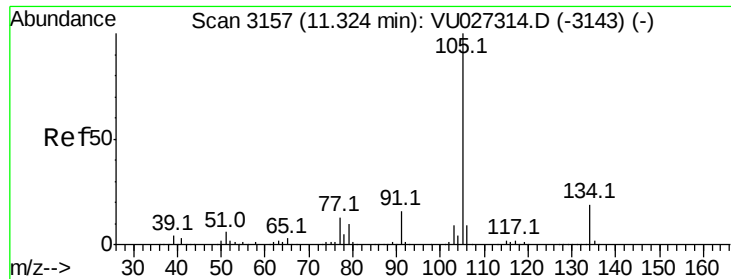
120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 8.943 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Instrument :

MSVOA_U

ClientSampleId :

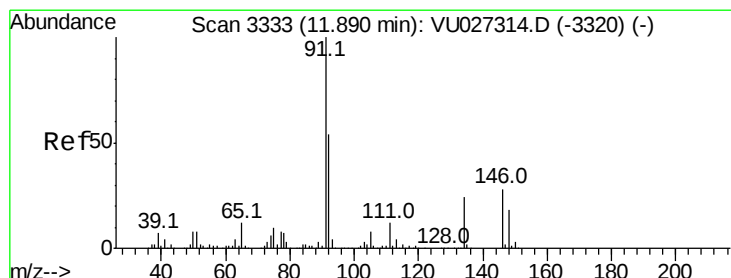
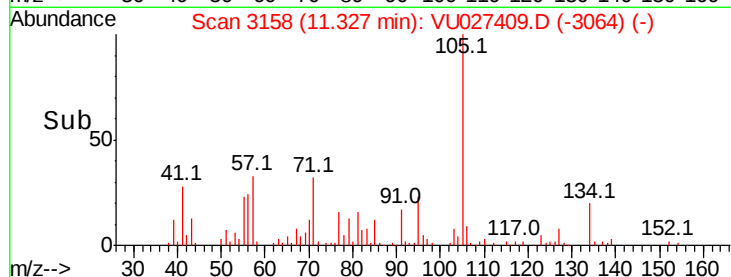
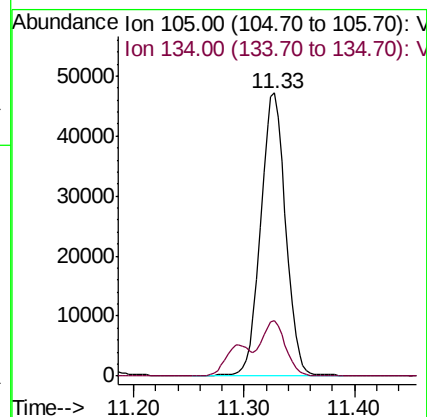
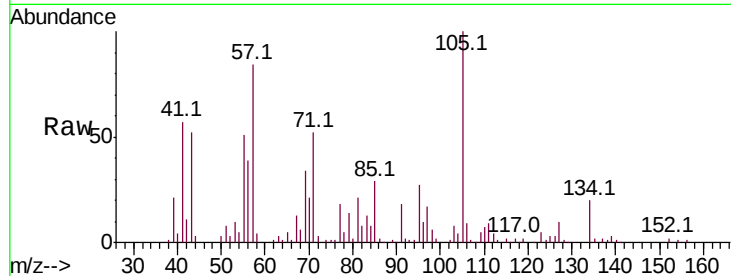
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 74203

Ion Ratio Lower Upper

105 100

134 18.8 9.6 28.6



#89

n-Butylbenzene

Concen: 9.522 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027409.D

Acq: 04 Oct 2018 15:28

Tgt Ion: 91 Resp: 59407

Ion Ratio Lower Upper

91 100

92 46.6 27.0 81.0

134 0.0 11.7 35.1#

